

CERTIFICATE OF MAILING

I hereby certify that this paper and every paper referred to therein as being enclosed is being deposited with the U.S. Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner of Patents & Trademarks, Washington, DC 20231, on 3/2/2000 (Date of Deposit)

Date

Name



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 97,429)

In re Application of:

R.D. Gilmore et al.

Serial No. 09 004,395

Filing Date: January 8, 1998

For: RECOMBINANT P37/FLAA AS A)
DIAGNOSTIC REAGENT)

Examiner: N. Minnifield

Group Art Unit: 1645

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

This is in response to the Office action dated September 2, 1999. A Petition for an extension of time (three months) and requisite fee are attached herewith. Please amend the claims as shown below.

IN THE CLAIMS

Please cancel claim 18, amend the claims as shown below, and add new claims 19-29. A clean copy of the claims, after amendment, is attached as Appendix A.

14. (Amended) A diagnostic reagent for early detection of Lyme disease comprising recombinant FlaA or P37 protein [produced using a method for producing recombinant FlaA

said expression vector; plating out transformed host cells to generate individual fresh transformant colony of transformed host cells; preparing large scale primary cell cultures from